

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 02 P.E.

Complete if Known	
Application Number	10/791,791
Filing Date	March 4, 2004
First Named Inventor	Yoshihiro Nakao et al.
Examiner Name	
Attorney Docket Number	034100-002

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U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
✓	GJERMANSEN, C., "Construction of a Hybrid Brewing Strain of <i>Saccharomyces Carlsbergensis</i> by Mating of Meiotic Segregants", <i>Carlsberg Res. Commun.</i> , 1981, Vol. 46, pp. 1-11, Copenhagen Valby, Denmark.
✓	OLESEN, et al., "The Dynamics of the <i>Saccharomyces carlsbergensis</i> brewing yeast transcriptome during a production-scale lager beer fermentation", <i>FEM Yeast Research</i> , 2000, Vol. 2, pp. 563-573, Elsevier Science, Amsterdam, Holland.
✓	BLATTNER, et al., "The Complete Genome Sequence of <i>Escherichia coli</i> K-12", <i>Science</i> , 1977, Vol. 277, pp. 1453-1462, American Association for the Advancement of Science, Washington, D.C.
✓	COLE et al., "Deciphering the biology of <i>Mycobacterium tuberculosis</i> from the complete genome sequence", <i>Nature</i> , 1998, Vol. 393, pp. 537-544, Nature Publishing Group, London, England.
✓	TAMAI et al., "Co-existence of Two Types of Chromosome in the Bottom Fermenting Yeast, <i>Saccharomyces cerevisiae</i> ", <i>Yeast</i> , 1998, Vol. 10, pp. 923-933, John Wiley & Sons, Ltd., Chichester, England & New York.
✓	KORCH et al., "A mechanism for sulfite production in beer and how to increase sulfite levels by recombinant genetics", <i>Yeast and Fermentation</i> , pp. 201-208, 1991.
✓	HANSEN, et al., "Inactivation of MET 10 in brewer's yeast specifically increases SO ₂ formation during beer production", <i>Nature Biotechnology</i> , 1996, Vol. 14, Nature America, New York. pp. 1587-1591
✓	SIJEN, et al., "Transcriptional and posttranscriptional gene silencing are mechanistically related", <i>Current Biology</i> , 2001, Vol. 11, pp. 436-440, Current Biology, London, England.
✓	GOTO-YAMAMOTO et al., "SSU1-R, a Sulphite Resistance Gene of Wine Yeast, is an Allele of SSU1 with a Different Upstream Sequence", <i>Journal of Fermentation and Bioengineering</i> , 1988, Vol. 86, No. 10, pp. 427-433.
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✓	PARK et al., "SSU1 mediates sulphite efflux in <i>Saccharomyces cerevisiae</i> ", <i>Yeast</i> , 2000, Vol. 16, pp. 881-888, John Wiley & Sons, Chichester, England and New York.
✓	MARTINI et al., "Deoxyribonucleic Acid Relatedness among Species of the Genus <i>Saccharomyces</i> <i>Sensu Stricto</i> ", <i>International Journal of Systematic Bacteriology</i> , 1985, Vol. 35, No. 4, pp. 508-511.
✓	SANGER, F., "Determination of Nucleotide Sequences in DNA", <i>Science</i> , 1981, Vol. 214, pp. 1205-1215, American Association for the Advancement of Science, Washington, D.C.
✓	GOLDSTEIN et al., "Three New Dominant Drug Resistance Cassettes for Gene Disruption in <i>Saccharomyces cerevisiae</i> ", <i>Yeast</i> , 1999, Vol. 15, pp. 1541-1553, Wiley & Sons, Chichester, England and New York.
✓	WATERMAN, M., "Computer Analysis of Nucleic Acid Sequences", <i>Methods in Enzymology</i> , 1988, Vol. 164, pp. 765-793, Academic Press, New York.

Examiner Signature	<i>John Smith</i>	Date Considered	2/16/06
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<i>dr</i>	WELLS et al., "Cassette mutagenesis: an efficient method for generation of multiple mutations at defined sites", <i>Gene</i> , 1985, Vol. 34, pp. 315-323, Elsevier, Amsterdam, Holland.
<i>dr</i>	CARTER, et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors", <i>Nucleic Acids Research</i> , 1985, Vol. 13, No. 12, pp. 4431-4443, Oxford University Press, Oxford, England.
<i>dr</i>	KUNKEL, T., "Rapid and Efficient site-specific mutagenesis without phenotypic selection", <i>Proc. Natl. Acad. Sci. USA</i> , 1985, Vol. 82, pp. 488-492, National Academy of Sciences, Washington, D.C.
<i>dr</i>	BECKER et al., "High-Efficiency Transformation of Yeast by Electroporation", <i>Methods in Enzymology</i> , 1991, Vol. 194, pp. 182-187, Academic Press, Inc., New York.
<i>dr</i>	HINNEN et al., "Transformation of yeast", <i>Proc Natl. Acad. Sci. USA</i> , 1978 Vol. 75, No. 4, pp. 1929-1933, National Academy of Sciences, Washington, D.C.
<i>dr</i>	ITO, et al., "Transformation of Intact Yeast Cells Treated with Alkali Cations", <i>Journal of Bacteriology</i> , 1983, Vol. 153, No. 1, pp. 163-168, American Society for Microbiology, Washington, D.C.
<i>dr</i>	KARIN et al., "Primary structure and transcription of an amplified genetic locus: The CUP1 locus of yeast", <i>Proc. Natl. Acad. Sci. USA</i> , 1984, Vol. 81, pp. 337-341, National Academy of Sciences, Washington, D.C.
<i>dr</i>	HUSSAIN et al., "Characterization of PDR4, a <i>Saccharomyces cerevisiae</i> gene that confers pleiotropic drug resistance in high-copy number", <i>Gene</i> , 1991, Vol. 101, pp. 149-152, Elsevier, Amsterdam, Holland.
<i>dr</i>	MAKINO et al., "Complete Nucleotide Sequences of 93-kb and 3.3-kb Plasmids of an Enterohemorrhagic <i>Escherichia coli</i> O157:H7 Derived from Sakai Outbreak", <i>DNA Research</i> , 1998, Vol. 5, pp. 1-9, Kazusa DNA Research Institute & Universal Academy Press, Tokyo, Japan.

Examiner Signature	<i>John F. Harkins</i>	Date Considered	2/16/06
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